

03/22/01
JCS U.S. PTO

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PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. NC 79,849

First Inventor or Application Identifier Armen M. Gulian

Title Photon Detector

Express Mail Label No. 

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 41]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 14]
4. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

*NOTE FOR ITEMS 7 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of (when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. * Small Entity Statement(s) Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other: _____

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No. /

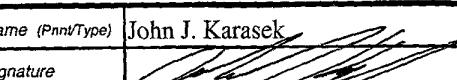
Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label  or Correspondence address below
(Insert Customer No. or Attach bar code label here)

| | | | |
|---------|--|-----------|---------------------|
| Name | 26384 | | |
| | PATENT TRADEMARK OFFICE | | |
| Address | Code 1008.2, Naval Research Laboratory 4555 Overlook Ave., S.W. | | |
| City | Washington | State | D.C. |
| Country | USA | Telephone | Zip Code 20375-5320 |
| Fax | 202-404-7380 | | |

| | | | |
|-------------------|---|-----------------------------------|---------|
| Name (Print/Type) | John J. Karasek | Registration No. (Attorney/Agent) | 36,182 |
| Signature |  | Date | 3/22/01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

| | | |
|-------------------------|------|------|
| TOTAL AMOUNT OF PAYMENT | (\$) | 1926 |
|-------------------------|------|------|

Complete if Known

| | |
|----------------------|------------------|
| Application Number | not yet assigned |
| Filing Date | |
| First Named Inventor | A.M. Gulian |
| Examiner Name | not yet assigned |
| Group Art Unit | not yet assigned |
| Attorney Docket No. | 79,849 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to
 Deposit Account Number **50-0281**
 Deposit Account Name **Naval Research Laboratory**
2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Small Entity | | Fee Description | Fee Paid |
|---------------------------|------------------------|-----------------|----------|
| Code (\$) | Code (\$) | | |
| 101 710 201 355 | Utility filing fee | 101 | 710 |
| 106 820 206 160 | Design filing fee | | |
| 107 490 207 245 | Plant filing fee | | |
| 108 710 208 355 | Reissue filing fee | | |
| 114 150 214 75 | Provisional filing fee | | |
| SUBTOTAL(1) | | \$ 710 | |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|------------|
| 52 | -20* = | 32 | x 10 = 320 |
| Independent Claims | - 3* = | 8 | x 80 = 640 |
| Multiple Dependent | | | = |

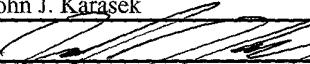
Large Entity Small Entity

| Fee Code (\$) | Fee Description |
|---------------------|---|
| 103 18 203 9 | Claims in excess of 20 |
| 102 80 202 40 | Independent claims in excess of 3 |
| 104 270 204 135 | Multiple dependent claim, if not paid |
| 109 80 209 40 | * Reissue independent claims over original patent |
| 110 18 210 9 | Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | |

* or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| 3. ADDITIONAL FEES | | Fee Description | Fee Paid |
|----------------------------------|---------------|--|----------|
| Large Entity | Small Entity | | |
| Fee Code (\$) | Fee Code (\$) | | |
| 105 130 205 65 | | Surcharge - late filing fee or oath | |
| 127 50 227 25 | | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 139 130 | | Non-English specification | |
| 147 2,520 147 2,520 | | For filing a request for ex parte reexamination | |
| 112 920* 112 920* | | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* 113 1,840* | | Requesting publication of SIR after Examiner action | |
| 115 110 215 55 | | Extension for reply within first month | |
| 116 390 216 195 | | Extension for reply within second month | |
| 117 890 217 445 | | Extension for reply within third month | |
| 118 1,390 218 695 | | Extension for reply within fourth month | |
| 128 1,890 228 945 | | Extension for reply within fifth month | |
| 119 310 219 155 | | Notice of Appeal | |
| 120 310 220 155 | | Filing a brief in support of an appeal | |
| 121 270 221 135 | | Request for oral hearing | |
| 138 1,510 138 1,510 | | Petition to institute a public use proceeding | |
| 140 110 240 55 | | Petition to revive - unavoidable | |
| 141 1,240 241 620 | | Petition to revive - unintentional | |
| 142 1,240 242 620 | | Utility issue fee (or reissue) | |
| 143 440 243 220 | | Design issue fee | |
| 144 600 244 300 | | Plant issue fee | |
| 122 130 122 130 | | Petitions to the Commissioner | |
| 123 50 123 50 | | Petitions related to provisional applications | |
| 126 240 126 240 | | Submission of Information Disclosure Stmt | |
| 581 40 581 40 | | Recording each patent assignment per property (times number of properties) | |
| 146 710 246 355 | | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 710 249 355 | | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 710 279 355 | | Request for Continued Examination (RCE) | |
| 169 900 169 900 | | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | |
| Reduced by Basic Filing Fee Paid | | SUBTOTAL (3) (\$) | |

| | | | |
|-------------------|---|--------------------------------------|--------|
| * SUBMITTED BY | | Complete (if applicable) | |
| Name (Print/Type) | John J. Karasek | Registration No. (Attorney/Agent) | 36,182 |
| Signature |  | | |
| | Date | 3/22/01 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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